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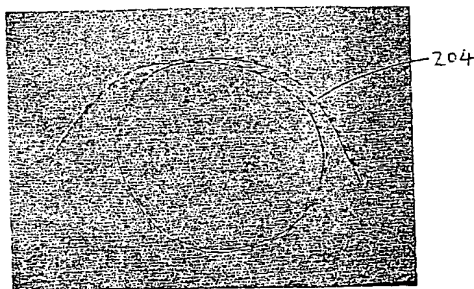
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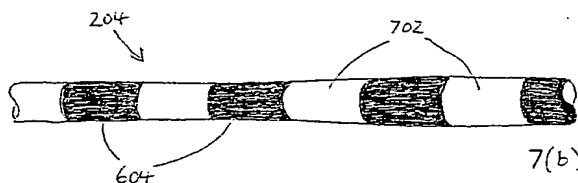
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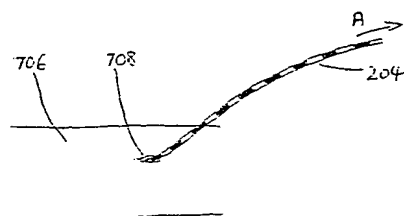
(54) Title: **DEVICE AND METHOD FOR THE TREATMENT OF HOLLOW ANATOMICAL STRUCTURES**



7(a)



7(b)



7(c)

(57) Abstract: A method of treating hollow anatomical structures, for example varicose veins. The method comprises: providing an elongate radiation applicator, the elongate applicator including an emitter, the emitter being coupled to a source of microwave radiation and being adapted to emit said radiation; introducing the applicator into a hollow anatomical structure, the hollow anatomical structure including a section of target tissue; traversing the applicator past the section of target tissue while said emitter emits microwave radiation of a predetermined intensity into said section. Techniques are used (markings on the coaxial cable in conjunction with an audible tone) so that the user makes the traversal at a predetermined rate so that uniform application of the radiation to the tissue, and effective occlusion, occurs. An applicator for performing the treatment is also disclosed.

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